



10 July 2013

Ms. Kelly Manheimer  
U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105

**Re: May 2013 Monthly Progress Report (electronic submittal)  
North Hollywood Operable Unit, Second Interim Remedy, Groundwater Remediation Design**

Dear Ms. Manheimer:

Attached is the May 2013 monthly progress report for the North Hollywood Operable Unit (NHOU), pursuant to the Administrative Settlement Agreement and Order on Consent for Remedial Design (RD-AOC) for the North Hollywood Operable Unit (NHOU).

Please contact me at (510) 663-3996 if you have questions regarding this submittal.

Sincerely,

AMEC Environment & Infrastructure, Inc.

A handwritten signature in blue ink, appearing to read "Michael Taraszki".

Michael Taraszki, PG, CHG, PMP  
Project Manager

A handwritten signature in blue ink, appearing to read "Robert Hartwell for".

Robert Hartwell, PE  
Engineering Manager

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**Distribution:**

Ms. Carolyn Monteith (Lockheed Martin)  
Mr. Benny Dehghi (Honeywell)  
Mr. Vahe Dabbaghian (LADWP)  
Ms. Poonam Acharya (DTSC)  
Mr. Chi Diep and Susan Brownstein (CDPH)  
Mr. Larry Moore (RWQCB-LA)  
Mr. Richard Slade (ULARA Watermaster)  
Mr. John Lindquist (CH2M Hill)

## **MAY 2013 NHOH PROGRESS REPORT**

### **Activities Completed for the Report Period**

- Requested technical meeting with EPA/CH2M Hill for late May/early June to discuss groundwater modeling scenarios developed in support of draft Groundwater Management Plan.
- On May 17, met with LADWP (power division) at the proposed PZ-NHE-03 location to discuss safety issues associated with proximity to the electrical transmission corridor.
- Access agreements status:
  - LADWP continuing to review our draft license agreement (provided on February 28, 2013) to install two nested piezometer pairs (PZ-NHE-05 and PZ-NHE-07) and to perform three aquifer tests (NHE-03, NHE-05, and NHE-07).
  - Well 4909F: Vulcan Materials destroyed this well in April 2013 and that the replacement well should be accessible for sampling this June or July.
  - Well 4928A: maintained communications with EPA regarding Los Angeles County access to this well to analyze a sample for all NHOH COCs.
- Continue to review options to push the submersible pump stuck in NH-C05-320 downward to the well bottom or remove it entirely in response to a request from EPA on March 20.
- Continued with evaluation of first semi-annual sampling event of the Phase 1 Pre-Design Investigation.
- Continued with preparations for the second semi-annual sampling event for the Phase 1 Pre-Design Investigation
- Maintained communications with the EPA regarding project schedule, San Fernando Valley database updates, license/access agreements, and the Proposed Plan to allow for the disposition option of injecting treated water

### **Issues and Corrective Actions**

- Los Angeles County has denied our requests to access well 4928A or to allow collection of a split sample so that all NHOH COCs (including hexavalent chromium and 1,4-dioxane) could be evaluated. EPA has been notified previously and we understand they will contact LA County to discuss the situation and develop an appropriate corrective action.
- On September 21, 2012, Vulcan Materials denied our August 6, 2012 request to sample well 4909F and requested that we wait for its replacement well to be installed and sample it instead. This well was destroyed in April 2013 and AMEC will maintain communications with Vulcan Materials to access and collect a groundwater sample from the replacement well in June/July 2013.

### **Anticipated Activities for the Next Six Weeks**

- Participate in technical meeting with EPA/CH2M Hill regarding model scenarios prepared in support of the draft Groundwater Management Plan.
- Document changes to the PZ-NHE-03 installation process to account for safety issues associated with the nearby electrical transmission corridor.
- Provide plans/feedback to the EPA to address their request to move the pump stuck at well NH-C05-320.

- Continue discussions with LADWP regarding a license agreement to install piezometers on LADWP property and perform aquifer tests at three NHOU extraction wells.
- Maintain communications with EPA to discuss the project schedule and to review the status of the Phase 1 Pre-Design Investigation.

**Unresolved Issues/Potential Impacts to Schedule/Work Plan**

- Successfully developing a Groundwater Management Plan that meets the institutional controls required by the Record of Decision is of critical importance to proceeding with Second Interim Remedy design activities.
- Access agreements to private well owners' properties may require EPA assistance to ensure groundwater monitoring data are obtained from monitoring wells included in the Phase 1 Pre-Design Investigation Work Plan. Delays in establishing access agreements may result in revision of the schedule for groundwater monitoring and/or drilling. EPA support will be requested if required.
- LADWP has indicated that agreement to a license for installing piezometers and performing aquifer tests to fill a critical data gap will take 6 to 8 months, which will directly impact the project schedule. Discussions with LADPW and EPA are ongoing.
- Sampling scheduled for cluster monitoring wells at the NH-C02 location cannot proceed until the recently paved over wellheads are re-exposed by the City; municipal policy is that new pavement cannot be disturbed for at least one year.
- Removal of submersible pumps from EPA-owned monitoring wells and development of communication plan took longer than expected. Phase 1 Pre-Design Investigation field schedule has been revised accordingly, but the overall project schedule will not be substantively affected. Resuming attempts to remove/move the pump stuck at NH-C05-320 will take into consideration lessons learned while removing pumps from other EPA-owned monitoring wells.